

CLAIMS

1. A holding device for a beverage container intended for installation in a holdable arm rest in a motor vehicle, the holding device comprising a carriage guidable as a drawer to be displaceable back and forth between a pushed-in position and a pulled-out position so that a beverage container can be inserted into the holding device when said carriage is in the pulled-out position; guide means for guiding said carriage during its displacement between said positions; a gravity locking device which locks said carriage in the pushed-in position when said carriage is not in an approximately horizontal position.

2. A holding device as defined in claim 1, wherein said gravity locking device has a locking member which moves into a locked position as a result of gravity, when said carriage is pivoted into a position that is not approximately horizontal.

3. A holding device as defined in claim 1, wherein said gravity locking device has a locking member which moves into an unlocked position as a result of gravity, when said carriage is pivoted into an approximately horizontal position.

4. A holding device as defined in claim 1, wherein said gravity locking device has a locking member which is displaceable at a slant relative to a direction of displacement of said carriage.

5. A holding device as defined in claim 1; and further comprising a holder having an insertion opening for a beverage container, said holder being raisably guided on said carriage so that when said carriage is pulled out, said holder is raised and when said carriage is pushed in, said carriage is lowered back onto said carriage.

6. A holding device as defined in claim 5; and further comprising guide means for raisably guiding said holder on said carriage.

7. A holding device as defined in claim 6, said guide means being formed so that a path of raising of said holder is oriented upwards in relation to said carriage and contrary to a pulled-out direction of said carriage, so that on pulling out said carriage, said holder travels no distance or at least a shorter distance in the carriage pulled-out direction than said carriage.

8. A holding device as defined in claim 6, wherein said guide means of said holder has a four-lever mechanism, said carriage forming one lever and said holder forming an opposite lever of said four-lever mechanism.

9. A holding device as defined in claim 1, wherein said holder has an insertion opening for a beverage container, said holder also having an adjusting element which is movably mounted on said holder so that a size of said insertion opening is adjustable, said holder also having a securing device for said adjusting element so that said adjusting element can be secured in its position.

10. A holding device as defined in claim 9, wherein said securing device has a catch device.